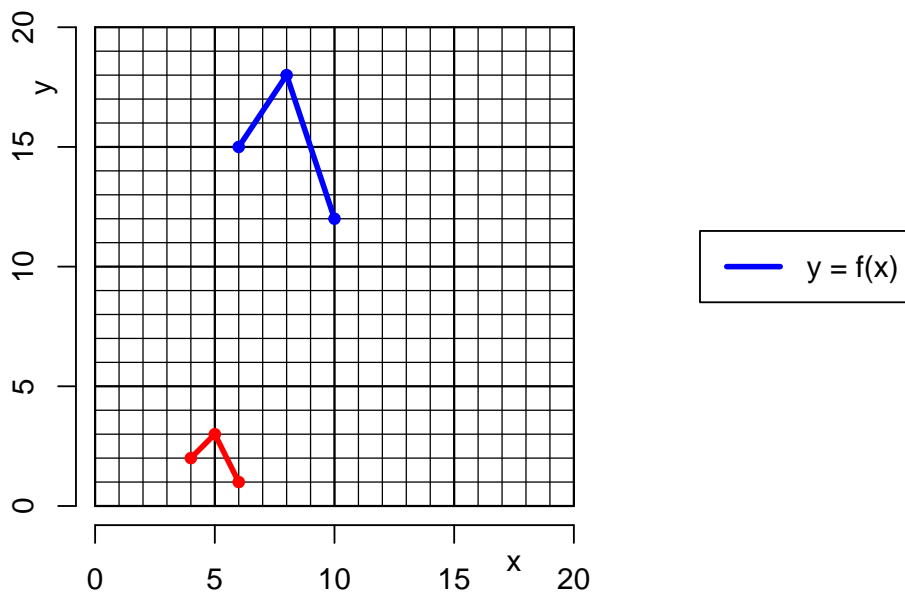# PCW_09_18 Find new points after transformation (version 43)

Question 1

Curve $y = f(x)$ contains points $(6, 15)$ and $(8, 18)$ and $(10, 12)$, as shown on the x-y plane below.
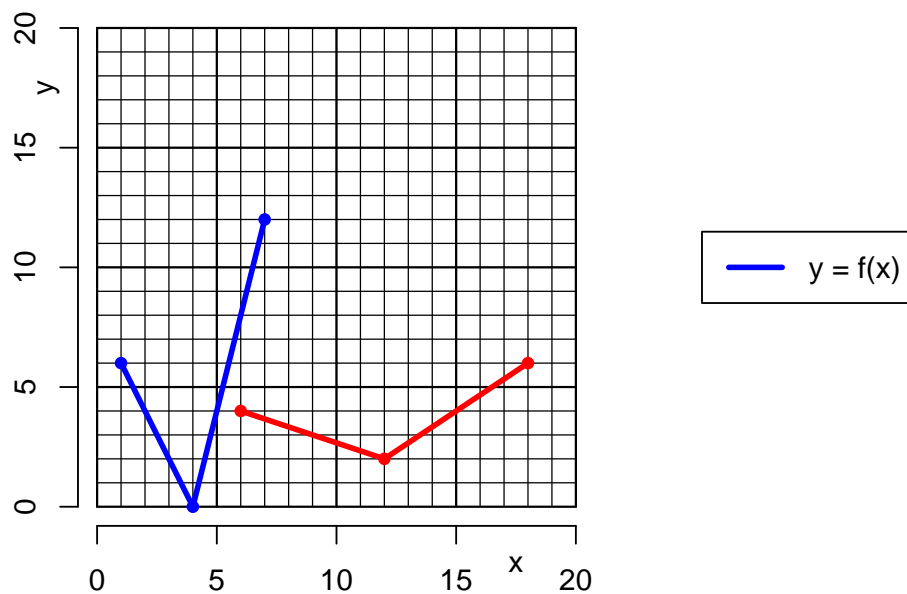

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[2x - 2]}{3} - 3$$

Question 2

Curve $y = f(x)$ contains points $(1, 6)$ and $(4, 0)$ and $(7, 12)$, as shown on the x-y plane below.

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x}{2} - 2\right] + 6}{3}$$